

current amendment. The attached version is captioned "Version with Markings to Show Changes Made):

Amst B
1. (Amended) ~~An isolated DNA which encodes a desert hedgehog protein of human origin.~~

Amst B
2. (Amended) The DNA of claim 1, which contains the whole of the nucleotide sequence of SEQ ID NO:4 or its complementary nucleotide sequence.

3. (Amended) The DNA of claim 1, which contains the whole of the nucleotide sequence of SEQ ID NO:5 or its complementary nucleotide sequence.

4. (Amended) The DNA of claim 1, which contains the whole of the nucleotide sequence of SEQ ID NO:6 or its complementary nucleotide sequence.

5. (Amended) The DNA of claim 1, wherein, based on the degeneracy of genetic codes, one or more nucleotides are replaced with different nucleotides while conserving the encoding amino acid sequence.

Amst J3
11. (Amended) A process for producing a hedgehog protein of human origin, ~~which~~ comprises expressing a DNA that encodes a desert hedgehog protein of human origin to generate said desert hedgehog protein, and collecting the generated desert hedgehog protein.